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## FACTS ON THE TRANSCAUCASUS METALLURGICAL PLANT

Numbers in parentheses, refer to appended list of sources.

The Transcaucasus Metallurgical Plant, Georgian SSR, the estimated cost of which is 1 billion rubles in 1945 prices, will have a complete metallurgical cycle and will produce 430.000 tons of pig iron, 500,000 tons of steel, and 290,000 tons of pipe per year. (1)

In the Azerbaydzhan SSR, road workers have laid a highway through the mountains up to the high mountain village, where other workers have started construction of magnetite ore mines to supply the new metallurgical plant. Leningrad scientists are attempting to find the best way of concentrating this ore.

New coal mines are scheduled to be opened in the Abkhaz ASSR and in Western Georgia. Mines are being prospected on the left bank of the Aragvi River, not far from the city of Dusheti in the Georgian SSR. In many regions of the Transcaucasus, geologists are searching for materials which will be needed by the plant. Specimens of clays and dolomite found by these geologists have been studied in a scientific institute in Kharkov. Deposits of limestone and refractory clays are being worked in Sadakhlo, Shrosha, and Adzhameti.

Ore for the plant will come from the Dashkesan deposit in Azerbaydzhan and the coal from Tkibuli and Tkvarcheli in Georgia. The plant also requires tremendous water resources. Five cubic meters of water per second will be consumed by the metallurgical processes alone. Water consumption per day will total 432,000 cubic meters, and over 1,500,000 cubic meters, or more than  $1\frac{1}{2}$  billion litres, per year.

Upon its arrival at the plant, the magnetite ore will be unloaded from the railroad cars and then sent directly to the sinter plant. The annual capacity of the two coke batterie; in the coke by-products plant extends to hundreds of thousands of tons. The open-hearth shop willy in addition to pig iron, consume the so-called all-purpose iron scrap, including captured tanks and armored equipment shipped into Georgia from across the Caucasus and now waiting on the fields below Rustavi to be used.

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The blooming mill is powered by almost 300 motors. Construction of this gigantic installation has been completed, the first to be completed since the war in the USSR. It was made in the Donbass at the Novo-Kramatorsk Plant which was destroyed by the Germans, but has since been rebuilt. This mill will handle steel ingots weighing up to 6 tons. The plant's rolling shops will produce a variety of products, including petroleum pipe, rails, metal for machine-tool builders, H-beams, girders, roofing iron, tin plate for canning purposes, galvanized wire, hoop iron. The plant will supply all the needs of the Transcaucasus region for ferrous metals.

All houses in the city of Rustavi will have gas, electricity, refrigeration, and hot water. A wide bridge, over which the highway to Tbilisi will extend, is being built over the Kura River. Streetcars and trolleybuses will also have lines over this bridge. The city's inhabitants will live in two- and three-story buildings. In the future, a 3-kilometer strip of trees, 300 meters wide, will extend from the plant shops to the city. There is no plant yet, but the city already has its first inhabitants -- the builders and workers in auxiliary enterprises and shops which have been put into operation. The plant's shops are being built along the main plant roadway.(2)

## SOURCES

- 1. Voprosy Ekonomiki, No 11, Nov 49
- 2. Vokrug Sveta, No 6, Jun 47

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- 2 -

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